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The organization exists to provide information, scientific and development services for agriculture and allied disciplines throughout the world.

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CIE provides an identification service for insects, mites and other arthropods, especially species that are of actual or potential important as pests, parasitoids, predators and pollinators or are otherwise relevant to agriculture, forestry or related subjects. Contract research is also undertaken in these fields. The Institute's taxonomists work in the British Museum (Natural History) where they have access to the Museum's 23 million reference specimens of insects and mites, an incomparable aid to authoritative identifications and research on arthropod classification.

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CMI is the largest centre for systematic mycology in the world and provides a service for the identification of filamentous fungi and plant-pathogenic bacteria. It has about 300,000 dried reference specimens, a culture collection of more than 12,500 isolates, an extensive library, a Biodeterioration and Industrial Services Laboratory, a Biochemical Laboratory, and a Plant Pathology Liaison Unit. The Institute provides a wide range of consultancy and contract services for plant pathologists and industry. It incorporates the UK National Collection of Fungus Cultures and the Biodeterioration Centre.

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CIP provides an identification service for plant-parasitic and entomophilic nematodes, and helminth parasites of animals and man. The reference collections contain over 65,000 specimens, and an extensive specialist library is maintained. The Tropical Plant Nematology Advisory and Research Unit provides practical advice on plant-parasitic nematodes and their control worldwide, and the Institute also houses the WHO Filarial Reference Collection.

CAB International Institute of Biological Control (CIBC)

CIBC provides information and advice on biological control, undertakes research and implementation of programmes on biological control of major pests and weeds, and participates in integrated pest management programmes in association with other agencies. It has its headquarters in the UK but operates also from stations at Delémont, Switzerland; Bangalore, India; Rawalpindi, Pakistan; Nairobi, Kenya; and Curepe, Trinidad, West Indies.

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— project appraisal
— advice in a range of scientific disciplines
— research supervision
— research evaluation
— project implementation.

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— national crop protection services
— pest/disease identification and control
— crop-orientated pest and disease surveys.

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SUBJECT INDEX

The subject indexes of the *Review of Applied Entomology* not only provide for detailed manual searches under a wide variety of headings, but also provide a wide variety of standardized terms for use in computer-assisted searches of the CABI database. The most detailed entries are those under the names of arthropods, but other organisms, countries, chemicals, habitats and general subjects (e.g. Biological control, Books, Conferences, Sterile insect release, Traps) are also used as headings. Strict vocabulary control is achieved by careful checking of systematic names of organisms and chemicals, by adhering to CABI standards for pest-control chemicals and pharmaceuticals, and by selecting most other headings to conform with the *CAB Thesaurus* or with *Chemical Abstracts* or *Index Medicus.* All references are to abstract numbers.

Under the names of arthropods there are references to their taxonomy, physiology, ecology, biology, distribution, hosts, natural enemies, vector ability, control and miscellaneous subjects. Entries for species will be found under the generic name. The names used for arthropods in this index are those used in the abstracts, because these names have all been checked against the card indexes maintained by the Institute. These card indexes are continuously updated to take account of taxonomic revisions, and in cases of difficulty the taxonomists employed by the Institute or by the British Museum (Natural History) are consulted. If two or more names are accepted by the *Review* for a taxon during one year, each name is entered separately, with either a 'see also' cross-reference to the other name or an appropriate index entry at the subheading 'taxonomy'. Cross-references from names used by authors but not accepted by the *Review* are given to the currently-accepted names. The *CAB Thesaurus* is not used as the authority for arthropod names.

Vertebrates are indexed to species or subspecies level, under English common names for the most important domesticated birds and mammals, or under scientific names. At both these types of heading will be found references to the arthropods that affect the animal concerned, to arthropod-transmitted pathogens, and to the side-effects of pesticides. Cross-references are provided between common names and scientic names.

Plants are indexed under English common names of the more important or familiar crops, or under scientific names down to species or subspecies level. At both these types of heading there are references to the arthropods connected with the plant concerned. Cross-references are provided between common names (now used in the plural) and scientific names.

Pathogens of vertebrates are indexed at the name of the pathogen, the scientific name if one is available, or else the English common name. Some entries will also be found at the names of diseases. Viruses pathogenic for arthropods are indexed under the name of the host, and the hosts are listed at the heading 'Insect viruses'. Other pathogens of arthropods are indexed at the scientific name of the pathogen.

Geographical locations used as headings are faunal regions, continents, archipelagoes, islands and countries (including States, Provinces or Territories for Australia, Canada and the USA). Entries refer mainly to pest arthropods, with some references to pest control and diseases.

Chemicals are normally indexed under either a common name or a systematic name, but a few unidentified or complex substances are indexed under names used by authors. The majority of the common names used for chemicals for the control of arthropods are listed on pp. 1-6 of *RAE* volume 70, and other common names adopted by BSI, ISO or ANSI are also used. Common names of herbicides and plant growth regulators listed in recent issues of *Weed Abstracts* are used, and so are the ISO common names of other pesticides (including anthelmintics and fungicides) and International Nonproprietary Names approved by the World Health Organization. Cross-references are provided to the common names, and definitions are printed at the common-name headings.

Habitat headings are chosen, whenever possible, beginning with the name of a vertebrate (e.g. Animal housing; Chicken farms) or of a plant (e.g. Coffee plantations, Rice fields). In other cases, main types of habitat (e.g. Pools, Woodlands) are used as headings. Entries here are mostly concerned with the distribution of arthropods and the nontarget effects of pest control.

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C·A·B INTERNATIONAL
PUBLICATIONS AND SERVICES

GENERAL INFORMATION

CAB International (formerly the Commonwealth Agricultural Bureaux) is an international non-profit organization controlled by governments of member countries. Its main function is to provide a world-wide information service in agriculture, forestry and related areas of applied biology, sociology, economics, engineering and medicine. Two other scientific services are responsible for pest and disease identification, and the application of biochemical techniques to pest management, and a further new arm – the Development Services – formed in 1986, co-ordinates CABI's consultancy expertise.
CAB International is best known for its abstract journals covering each of the main agricultural disciplines (for full list of titles see back cover). The wide range of other publications includes annotated bibliographies, reviews, authoritative books and reference works, and specialized aids to the management of pests and diseases.

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The 46 abstract journals, which cover specific agricultural disciplines, specialist crops or products, or particular animals are all derived from the CABI production database. In 1987 input to the database will amount to approximately 130 000 records prepared from around 15 000 serials and many other scientific publications in virtually any language.

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